

## IP65 LED Strip Light 500cm - 14.4W/m – powered by SMD2835

- Length 500 cm
- LED strips for common applications
- ideal for use in living areas
- Excellent colour rendering: CRI Ra typ. 90
- good efficiency: up to 1320 lm/m at 2400 K
- long operating life L70 > 36,000 h at Tc < 80 °C
- current regulation by IC for constant brightness over the entire light line with integrated overheating protection
- with TVS surge protection diode
- with high-quality 3M double adhesive tape



Please observe the installation and safety instructions at [https://www.hiline-lighting.co.uk/gb/index.php?controller=attachment&id\\_attachment=114](https://www.hiline-lighting.co.uk/gb/index.php?controller=attachment&id_attachment=114) !

### PHOTOMETRIC DATA

	HL-LS2835HA-60EWW-NPU-24V
Typ. colour temperature	2400 K
Light colour	Warm White
Typ. luminous flux per meter	1320 lm/m
Efficiency	92 lm/w
Energy efficiency class	A++
Typ. colour rendering index	90
LED beam angle	120 °
Lifetime L70	>36000 h

### ELECTRICAL DATA

	HL-LS2835HA-60EWW-NPU-24V
Operating voltage	24V – DC
Typ. power per meter	14.4 W/m

### MECHANICAL DATA

	HL-LS2835HA-60EWW-NPU-24V
Length stripe	5000 mm
Width stripe	8 mm
Height stripe	1.4 mm
Number of LEDs per cut	6
Number of cuts	50
Length per cut	100 mm
Type of protection	IP 65

	HL-LS2835HA-60EWW-NPU-24V
Cut	One section 100mm 2400K

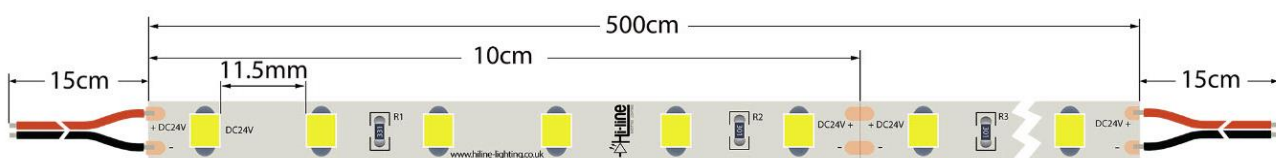
## FURTHER DATA

	HL-LS2835HA-60EWW-NPU-24V
Max. operable length <sup>1</sup>	10000 mm
Storage temperature	-30° C ~ +80° C
Max. temperature Tc <sup>2</sup>	80° C

<sup>1</sup>The value given applies to the application of rated voltage at the first module section. When using a supply line, the maximum operable length changes depending on the supply line length and its cross section. At "www.hiline-lighting.co.uk" you will find an overview for orientation and calculation for volt drop.

<sup>2</sup>Tc=Case temperature at Tc point, this should be measured in a thermally stable state

## TECHNICAL DRAWING



## Certificates and Standards CE & RoHS

LVD Directive 2014/35/EU  
EMC Directive 2004/108/EC  
RoHS Directive 2011/65/EU  
RTTE Directive 99/5/EC

The following harmonized standards were applied:  
EN60598-1:2008+A11:2009, EN60598-2-20:2010+AC:2010  
EN55015:2013, EN61547:2009, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010  
EN1122:2001, EPA3050B, EPA3052, EPA3540C, EPA3060A  
IEC62321: 2013

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